

Date: Mon, 03 Feb 2003 10:47:24 -0500

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From: Daniel A Papcke
Subject: P2 Team Meeting Minutes, 02-1-31

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Subject: P2 Team Meeting Minutes, 02-1-31

At 9:30 on January 31, 2003, the Pollution Prevention Team met in Building 6, Room 147.

Attendees: D. Griffin, B. Hodgson, M. Hovanic, P. Kennedy, M. Kenzig, W. Kocher, R. Lallier, W. Muscolo, C. Myers, D. Papcke, L. Sekura, D. White

The team reviewed progress on FY 2003 goals.

Life Cycle Analysis

- M. Blotzer and M. Kenzig have provided comments on the chapter. After feedback has been received from other directorates (in particular, FTED), presentation will be made to EPCB.

Performance Testing of Bio-diesel fuel

- The pilot study is complete. In January 2003, 7500 gallons was purchased for fleet and research use.

MEK et al Replacement

- The PPOA draft has been completed, substitutes identified. Additional MEK uses are being researched. EPP evaluation and implementation is in progress. Categories will be setup according to product uses.

Hangar Iridite Replacement

- EPP substitutes have been identified. A test replacement was re-ordered on 1-23-03

Garnet Recycling System Installation

- The report is complete. A particle count is needed. Joint (with shop cooperation) implementation is in progress. The team discussed budget aspects.

Study on Propane to Methane Conversion on Forklifts

- The feasibility study is in progress, focusing on cost vs indoor air quality.

Real Time Monitoring System Installation and Testing at Plum Brook

- External funding is needed. W. Kocher is pulling together a consortium of organizations to apply for a National Science Foundation grant (up to 2.5 million over 5 years). The proposal is due March 6, 2003. The Statement of Work has been revised and scaled back. Collaborative external funding opportunities include:

1. CSU - The head of new Industrial Technology Initiatives is interested. He has done work with sensors, a possibility of research to improve data interpretation.
2. Potential Homeland Security applications are also being studied.

AP / EPP Application Categories for Product Testing

- EPP processes are being modified for Aperture / web- based implementation. Two categories are complete, 8 more are in progress.
- P. Kennedy will find defluxers for Gilcrest to test.
- The 5-gallon can containing methylene chloride component was tested at the Hangar and disposed through the Waste Management Team. An alternative stripper will be tested by new EPP manufacturer.
- Gilcrest will also be testing an electrical contact cleaner and gasket remover.
- The Garage will be testing an air conditioning flush solvent and tire glue.

Tyvek Recycling

- Currently, there is low demand. A shipment of used Tyvek suits has been received. Used suits are being collected at a slow rate. It may take Glenn two years to fill a cubic yard box at this rate.

Other Items:

- Team discussed the possibility of adding 2 international doctoral students from Cleveland State University. One student would be fully funded and be used to develop computer-aided assessment tools. The other would be used for the process development of life cycle assessment tools in cases where the EPP doesn't apply. (The P2 Team approved proceeding with these actions.)
- The team discussed the feasibility of getting summer students or GRC technicians to help with P2 activities.
- Bill Muscolo reported that the Building 50 Palm Pilot Program should be complete in early February.
- The PBS P2 Team has added a technician. Solvent tracking has continued.
- B. Hodgson has been finding top 5 gloves at GRC and will investigate recycling potential.
- M. Kenzig and L. Sekura will meet to discuss DB software to be used to move EPP analysis and framework to EMO/P2 web site.

The next meeting will be held on February 14, 2003.